

Name: _____

Period: _____

Date: _____

Classification Graphic Organizer

Definitions:

classification: process of grouping things

taxonomy: study of classification

nucleus: Cell part with **DNA**

(chemical instructions that direct the cell's activities)

prokaryotes: cell with no nucleus

eukaryotes: cell with a nucleus

autotrophs: organisms that **can** make their own food

heterotrophs: organisms that **cannot** make their own food-They eat autotrophs.

unicellular: organisms that are made of only **one** cell

multicellular: organisms that are made of **more** than **one** cell

All Living Things: organisms are grouped by their:
1. cell type 2.number of cells 3.ability to obtain food

into 3 domains

Bacteria:
prokaryote, autotrophs, &
heterotrophs,
unicellular

Archaea:
prokaryote, autotrophs, &
heterotrophs,
unicellular

Eukarya:
eukaryotes, autotrophs, &
heterotrophs,
mostly multicellular

into 1 kingdom:

eubacteria

into 1 kingdom:

archaebacteria

into 4 kingdoms:

Plants:
multicellular,
autotrophs

Animals:
multicellular,
heterotrophs

Fungi:
multicellular &
unicellular,
heterotrophs

Protists:
most unicellular some
multicellular, heterotrophs &
autotrophs